Open Track – No Specific Use Case

INTEROPERABILITY
INSTITUTE

Table of Contents

Introduction to the Open Track:

The purpose of this Open-Track is to provide an opportunity for participants to take the tools and API vendors utilized in the InterOpathon, as well as the IOL platform, and use them to create new scenarios that will aid the progression of interoperability and find solutions for problems related to health information exchange.

During this time of creation, it is important to keep in mind the ONC 21st Century Cures Act Final Rule released in March of 2020, and use the requirements outlined in it as a guide for this creation process.

These rules are designed to give patients more control over access to their own medical information, therefore empowering them to help decide their own treatment plans. This includes implementing a set of secure, standards-based API requirements designed to let patients securely interact with their medical information through applications on their smartphones.

The ONC Final Rule is also designed to increase innovation and competition amongst healthcare players while simultaneously improving interoperability. This will require organizations to provide their clinical data in order to improve the seamless transfer of EHI and ensure that the receiving entity is able to understand and utilize the information.

Finally, during this track, keep in mind the state of the world that this virtual InterOpathon is taking place in. As the spread of COVID 19 continues to impact the state of healthcare around the world, take into consideration the way that this shift affects interoperability and the sharing of EHI. To reflect this, IOL has been populated with new COVID patients that are available for use during the InterOpathon.

Open BusinessModel

Healthcare organizations are creating and capturing value by opening-up core platforms and data to 3rd parties using application programming interfaces (API's). Solutions aligned to this theme will explore innovative solutions to real-world interoperability problems that can be solved with open business models.

Provider Use Cases:

Action: Find innovative solutions and unlock clinical data to improve coordination of care, enable patient access to data, transition to value-based care and improve the quality and cost of healthcare.

Example: Argonaut project, SMART on FHIR®. Use API's like IOL and Allscripts, Medtrics Analytics as Service, Ocean Open, Orion Health, Redox, UMLS REST, Validic Connect Partner, 1uphealth, Medable.

Payer Use Cases:

Action: Explore opportunities to use benefits and claims data to improve coordination of care, enable patient access to data, transition to value based care and improve the quality and cost of healthcare.

Examples: Use Hl7 DaVinci Project, Blue Button 2.0, IOL, CMS Beneficiary Claims Data, CMS Data at the Point of Care , CMS Finder API

Ecosystem Use Cases:

Action: Conceptualize solutions to gaps in the current ecosystem to enable end point discovery for patients, providers and organizations, authorization and authentication

Examples: Hl7 Validated Healthcare Directory IG, IOL, patient consent, TEFCA, SMART of FHIR®, OAuth/OIDC, Clinical Trials API,

Digital Identity Proofing

Provider/Payer Use Cases:

Action: Accessing patient data on remote systems is fundamental to a successful transition to a value and outcome-based healthcare system. Explore how digital verification of provider and payer identity can enable that transition.

Examples: SMART on FHIR®, OAuth/OIDS, 4medica, , IOL, Google Cloud Healthcare, Patient consent, TEFCA

Personalized Data Driven Experiences

Patient Centered Use Cases:

Action: Patient centered care is about putting the patient in charge of their own healthcare. Create solutions that empower patients to manage their own healthcare according to their own preferences, goals, desired outcomes and financial situation.

Examples: Air by Propeller Open, AskCHIS Neighborhood Edition, Clinical Trial API, eHealthMe, GetGuidelines, Infermedica, Maternal Mental Health API, Suggestic Personalized Glycemic Response Prediction, Veterans Affairs Health

Judging Criteria

IGNITE
Interoperability: APIs and FHIR® Heat Up

INTEROPERABILITY INSTITUTE

MiHIN MICHIGAN HEALTH INFORMATION NETWORK SHARED SERVICES

Alignment with Track	Helps to improve Inter-operability	Innovation & Creativity	Use of APIs	User Experience	Technical Difficulty	Presentation or Demo
25%	25%	15%	10%	10%	10%	5%
How aligned was the solution with one of the event Tracks?	Does the team clearly show how their solution could be used to improve interoperabil-ity?	Did the team create some-thing that has not already been created? Is it unique?	Did the team use APIs available to create a solution?	What is the wow factor? Would others be impressed by what was built? How easy is the solution to use?	Is the project technically impressive / complex? Is it remarkable that a team created this solution in the time allowed?	Was the presentation or demo well put together? Did the team seem prepared? How well did they explain the problem and solution? (only judge on content, not video quality)

INTEROPATHON | 2020